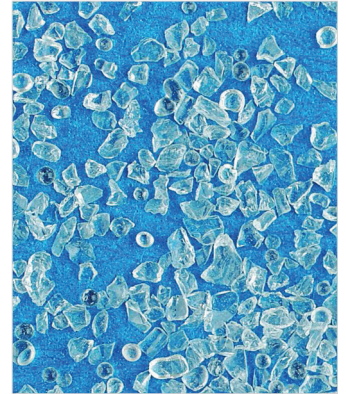
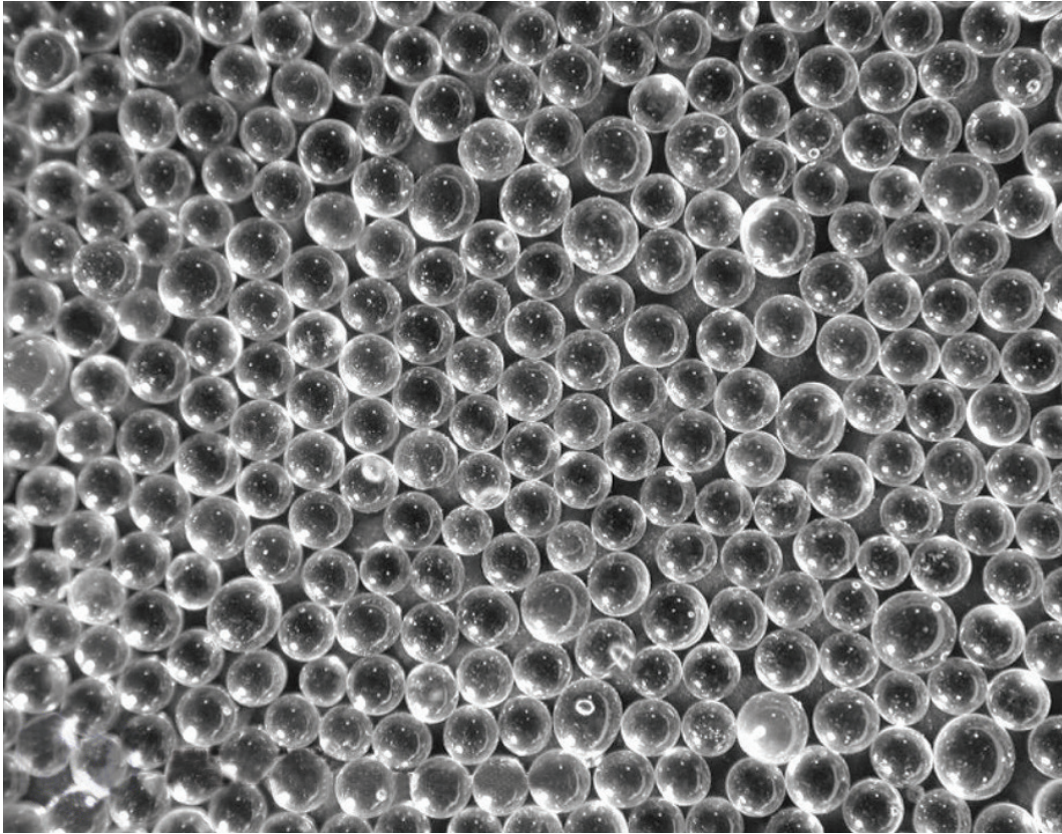


Glass Bead Blast Media



Wheelabrator Plus glass beads and glass grit are manufactured under strict quality control criteria. Glass Beads clean and remove surface deposits with a peening action leaving a lustrous surface finish. They are ideal for use on both ferrous and non ferrous surfaces and for use in both wet and dry blast machines. All Wheelabrator Plus glass products contain no free silica.

Vaquashene Glass Beads - premium quality glass beads are manufactured to, and conform with all major aerospace specifications. With over 10 different grades to choose from, Vaquashene will

clean, texture,peen and remove surface deposits with minimal damage to the substrate, and impart a variety of surface finishes.

GGG - Are Granules used as a mild cutting abrasive either as an addition to glass beads or on own.

Approvals - Vaquashene conforms with and is approved to all major aerospace, MOD and nuclear specifications. Approvals include CSS8, ABP1-2027/2029, BAEP 2007 Mil Spec G9954, Mil Spec S13165 and AMS2431/6. Certificates of Conformity can be produced on request.

Glass Bead Blast Media

Stocks

Wheelabrator Plus holds extensive stocks of over 400 tons of mixed abrasives, and generally aim to deliver within 3-5 working days from receipt of order.

Packaging

All Vaquashene and Blast beads are packed in 25kg bags, GGG is packed in 20kg bags.

Storage

Glass beads are hygroscopic and should be stored under cover in dry conditions.

Handling

Spillage of glass beads can represent a hazard to pedestrians and vehicles and should be cleared away immediately.

Health & Safety

All Wheelabrator Plus glass beads and glass granules are non toxic and contain no free silica.

The material as supplied requires no special disposal precautions however, users should be aware of the possible contamination from their own process, if in doubt seek advice from your local authority.

GGG grades

Grades	Micron
500	45 - 200
300	180 - 600
100	425 - 800

Glass beads & GGG physical properties

Type	Vaquashene	Blast beads	GGG
Colour	clear	clear	clear
Specific gravity	2.40 - 2.6	2.40 - 2.6	2.40 - 2.6
Bulk density g/cc	1.5g/cc	1.5g/cc	-
Hardness rockwell C scale	47 - 50	47 - 50	-

Typical chemical analysis %

SiO ₂	72.5	72.5	72.5
CaO	9.75	9.75	9.75
MgO	3.3	3.3	3.3
Na ₂ O	13.7	13.7	13.7
K ₂ O	0.11	0.1	0.1
Al ₂ O ₃	0.4	0.4	0.4
Fe ₂ O ₃	0.25	0.25	0.25
Free iron	<0.10	<0.10	<0.10
Percentage rounds dependent on size	70 - 80%	70 - 80%	70 - 80%

Sieving specification vaquashene

Grade	Sieve 1 100% pass microns	Sieve 2 0-10% retained microns	Sieve 3 80% retained microns	Pan 0-10% pass microns	Rounds %
0 - 100	106	90	45	45	80
53 - 105	125	106	53	53	80
74 - 149	180	150	75	75	80
100 - 150	250	212	106	106	80
149 - 250	300	250	150	150	80
150 - 300	355	300	180	180	75
300 - 400	500	425	250	250	75
400 - 600	710	600	425	425 0-20%	70
600 - 800	1000	800	600	600 0-20%	70
400 - 800	1000	850	425	425 0-20%	70
0 - 44	106	75 0-2%	63 96-100 pass		80